

WHAT IS CLAIMED IS:

An inner box for a cooker comprising:

a front plate having an opening portion; and

an inner main body bonded to a peripheral edge of the opening

5 portion for cooking at inside of the inner main body;

wherein at least either one of the bonding portions of the front plate and the inner main body includes a first fold-to-bend portion constituted by folding to bend an end portion thereof to invert to be brought into close contact

10 therewith, and

a second fold-to-bend portion constituted by inverting a portion on a side of an end portion of the first fold-to-bend portion with a predetermined clearance therebetween, and

wherein other of the bonding portions of the front plate  
15 and the inner main body includes a flange portion inserted into the clearance between the first fold-to-bend portion and the second fold-to-bend portion, and calked to bond.

2 The inner box for a cooker according to Claim 1,  
20 wherein the second fold-to-bend portion has a locking hole and the flange portion has a locking projection inserted into the locking hole.

3. The inner box for a cooker according to Claim 2,  
25 wherein the locking projection is a projection formed by punching

machining.

4. The inner box for a cooker according to Claim 2,  
wherein insulating films are formed on a surface of the front  
5 plate on a side opposed to a side of being connected with the  
inner main body and an outer side surface of the inner main body.

5. The inner box for a cooker according to Claim 3,  
wherein insulating films are formed on a surface of the front  
10 plate on a side opposed to a side of being connected with the  
inner main body and an outer side surface of the inner main body.

6. A method of integrating the inner box for a cooker  
according to any one of Claim 1 through Claim 4, wherein end  
15 portions of face plates of the inner main body connected to the  
front plate are bonded to the front plate individually for the  
respective face plates.

7. A method of integrating an inner box for a cooker,  
20 comprising the steps of:

bending and inverting an end portion of either one of a  
front plate and an inner main body to be brought into close contact  
therewith to form a first fold-to-bend portion

bending and inverting a portion of an end portion side  
25 of the first fold-to-bend portion with a predetermined clearance

therebetween to form a second fold-to-bend portion;

forming a flange portion to be inserted into the clearance between the first fold-to-bend portion and the second fold-to-bend portion; and

- 5 calking the first fold-to-bend portion and the second fold-to-bend portion and the flange portion.